

ABSTRACT OF THE DISCLOSURE

A nozzle arrangement for a fluidized bed gasifier or combustor. The nozzle arrangement includes a nozzle piece attached to a nozzle tube for forming one entity with the nozzle tube, which nozzle piece includes a nozzle chamber and a horizontally extending nozzle channel ending to a blow opening of the nozzle. The nozzle chamber and nozzle channel are limited from above by a lid. The nozzle arrangement further includes a protecting cover attached outside the lid for minimizing cooling of the outer surface of the nozzle piece due to fluidizing gas blown through the nozzle into the fluidized bed gasifier or combustor.

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